



IFW

Attorney's Docket No. TAN-348  
MAIL STOP AMENDMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: Unknown  
Yamada et al. ) Examiner: Unknown  
Serial No.: 10/519,189 )  
Filed: December 22, 2004 )  
For: **METHOD FOR FORMING FINE STRUCTURE OF A GROUP OF METAL  
FINE PARTICLES**

TRANSMITTAL LETTER

Commissioner for Patents  
Alexandria, VA 22314-1450

Sir:


Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter;
- (2) Information Disclosure Statement Transmittal Letter;
- (3) Information Disclosure Statement;
- (4) PTO/SB/08A ; and
- (5) 5 cited references.

Please charge any additional fees, or credit any overpayment, in connection with this matter to deposit Account No. 19-1980.

Respectfully submitted,

**HAHN & VOIGHT PLLC**

  
Attorney for Applicants  
Roger C. Hahn  
Reg. No. 46,376

**HAHN & VOIGHT PLLC**  
1012 14<sup>TH</sup> Street, NW  
Suite 620  
Washington, D.C. 20005

I hereby certify that this correspondence is deposited with the United States Postal Services with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patent, P.O. Box 1450, Alexandria, VA 22313-1450 or transmitted via facsimile to the United States Patent and Trademark Office, FAX No. 571-273-8300 on \_\_\_\_\_ . Typed or printed name of person signing this certificate Roger C. Hahn Signature \_\_\_\_\_



Attorney's Docket No. TAN-348  
MAIL STOP AMENDMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: unknown  
Yamada et al. ) Examiner: unknown  
Serial No.: 10/519,189 )  
Filed: December 22, 2004 )  
For: **METHOD FOR FORMING FINE STRUCTURE OF A GROUP OF METAL  
FINE PARTICLES**

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents  
Alexandria, VA 22314-1450  
SIR:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. §1.97-1.98. Please note the following particulars:

[NOTE: One only of items a, b, c, and d must be checked.]

[ X ] a. The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. §1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

[ ] b. The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311.

The enclosed statement is accompanied by [check one]:

- [ ] i. a certification in part (e) below as specified in 37 C.F.R. §1.97(e), or
- [ ] ii. a check in the amount of \$ 180.00 required by 37 C.F.R. §1.17(p).

[ ] c. The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311, but before payment of the issue fee.

PETITION: It is requested that the information being submitted be considered. [NOTE: If box (c) is checked, the following two boxes must be checked.]

☐ PETITION FEE: A check for \$130.00 required by 37 CFR \$1.17(i)(1), is enclosed.

☐ CERTIFICATION is attended to in box (e) below.

☐ d. The enclosed statement is being filed pursuant to 37 C.F.R. \$1.97(i), for placement in the file.

☐ e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]

☐ I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement,

or

☐ I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. \$1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

or

☐ Appropriate certification is attached.

- [ ] f. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 19-1980.

Respectfully submitted,

**HAHN & VOIGHT PLLC**



---

Attorney for Applicants  
Roger C. Hahn  
Reg. No. 46,376

**HAHN & VOIGHT PLLC**  
1012 14<sup>TH</sup> Street, NW  
Suite 620  
Washington, D.C. 20005

Tel (202) 637-0020



Attorney's Docket No. TAN-348  
MAIL STOP AMENDMENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: ) Group Art Unit: unknown  
Yamada et al. ) Examiner: unknown  
Serial No.: 10/519,189 )  
Filed: December 22, 2004 )  
For: **METHOD FOR FORMING FINE STRUCTURE OF A GROUP OF METAL  
FINE PARTICLES**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Alexandria, VA 22314-1450

Sir:

Pursuant to Applicant's duty of disclosure under 37 C.F.R. §§1.56 and 1.97-1.99, the documents listed on the attached PTO/SB/08A are being brought to the attention of the Examiner in charge of the above-identified application. This Information Disclosure States is being filed before a first action on the merits and hence, no fee is required.

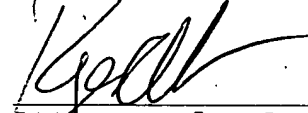
Copies of the documents are attached herewith with a completed PTO/SB/08A. The Examiner is respectfully requested to cite the documents listed on the attached PTO/SB/08A in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the PTO/SB/08A, and return a copy of the initialed PTO/SB/08A with the next communication to Applicants, to confirm that these

documents have been considered by the Examiner and made of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned at the below-listed number.

Respectfully submitted,

**HAHN & VOIGHT PLLC**



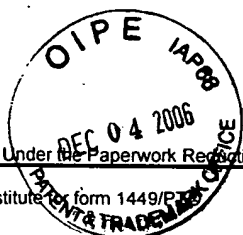
Attorney for Applicants

Roger C. Hahn

Reg. No. 46,376

**HAHN & VOIGHT PLLC**  
1012 14<sup>TH</sup> Street, NW  
Suite 620  
Washington, D.C. 20005

Tel (202) 637-0020



PTO/SB/08B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/519,189

Filing Date 12-22-2004

First Named Inventor Yamada et al.

Art Unit

Examiner Name

Attorney Docket Number TAN-348

Sheet

1

of

1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		KOTO, Fixing of surface decorative gold nano particles by pulse laser irradiation, 2001, 38th Chemical Society Kyushu Forum	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**(Use as many sheets as necessary)**

Sheet	1	of	1
-------	---	----	---

**Complete if Known**

Application Number	10/519,189
Filing Date	12-22-2004
First Named Inventor	Sunao Yamada
Art Unit	
Examiner Name	
Attorney Docket Number	TAN-348

## U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		JP2001-234356A	08-31-2001	SEIKO EPSON CORP		
		JP2001-149774A	06-05-2001	JAPAN SCIENCE & TECH C		
		JP2002-88487A	03-27-2002	JAPAN SCIENCE & TECH C		
		JP2002-144378A	05-21-2002	TDK CORP		

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*